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Hawkins  
PATENT  
1163-0345P  
10/22/02

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Kenji YOSHIDA, et al. Conf.: 3806  
Appl. No.: 09/889,392 Group: 2834  
Filed: July 16, 2001 Examiner: J. GONZALEZ  
For: ACOUSTIC WAVE APPARATUS

**REPLY TO RESTRICTION REQUIREMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

October 18, 2002

Sir:

In reply to the Examiner's Office Action dated September 18,, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**IN THE CLAIMS:**

The claims have been amended as follows:

4. (Amended) An acoustic wave apparatus comprising:

a piezoelectric substrate mainly containing lithium tantalate;

an interdigital transducer including a conductor formed on said substrate; and

a reflector including a conductor formed on said substrate,

wherein a surface rotated in a range of  $34^\circ$  to  $41^\circ$  from a crystal Y axis around a crystal X axis of the lithium tantalite is set as a surface of said substrate, a standardized electrode thickness ( $h/\lambda$ ) obtained by standardizing a thickness  $h$  of an electrode finger constituting at least a part of said reflector by a wavelength  $\lambda$  of a surface acoustic

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